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EDUCATION AND EMPLOYMENT

2004 – present	Postdoctoral Research Associate, U. Maryland, College Park, MD
1998 – 2004	Ph. D. (Physics) U. Maryland, College Park, MD Dr. Sylvain Veilleux, advisor
1994 – 1998	B. S. (Physics) Calvin College, Grand Rapids, MI Dr. David Van Baak, advisor

REFEREED PUBLICATIONS

- Schweitzer, M., et al. *Extended Silicate Dust Emission in PG QSOs*. 2008, ApJ, submitted
- Rupke, D. S. N., Baker, A. J., & Veilleux, S. *The Oxygen Abundances of Luminous and Ultraluminous Infrared Galaxies*. 2008, ApJ, 674, 172
- Netzer, H., et al. *Spitzer Quasar and ULIRG Evolution Study (QUEST). II. The Spectral Energy Distributions of Palomar-Green Quasars*. 2007, ApJ, 666, 806
- Sturm, E., Rupke, D. S., et al. *Mid-Infrared Diagnostics of LINERS*. 2006, ApJ, 653, L13
- Schweitzer, M., et al. *Spitzer Quasar and ULIRG Evolution Study (QUEST). I. The Origin of the Far-Infrared Continuum of QSOs*. 2006, ApJ, 649, 79
- Rupke, D. S., Veilleux, S., & Sanders, D. B. *Outflows in AGN/Starburst-Composite Ultraluminous Infrared Galaxies*. 2005, ApJ, 632, 751
- Rupke, D. S., Veilleux, S., & Sanders, D. B. *Outflows in Infrared-Luminous Starbursts at $z < 0.5$. II. Analysis and Discussion*. 2005, ApJS, 160, 115
- Rupke, D. S., Veilleux, S., & Sanders, D. B. *Outflows in Infrared-Luminous Starbursts at $z < 0.5$. I. Sample, NaI D Spectra, and Profile Fitting*. 2005, ApJS, 160, 87
- Rupke, D. S., & Veilleux, S. *Keck High-Resolution Spectroscopy of Outflows in Infrared-Luminous Galaxies*. 2005, ApJ, 631, L37
- Sturm, E., et al. *Silicate Emissions in Active Galaxies: From LINERs to QSOs*. 2005, ApJ, 629, L21
- Veilleux, S., & Rupke, D. S. *Missing Baryons and Galactic Winds*. 2004, PASA, 21, 393
- Veilleux, S., Shopbell, P. L., Rupke, D. S., Bland-Hawthorn, J., & Cecil, G. *A Search for Very Extended Ionized Gas in Nearby Starburst and Active Galaxies*. 2003, AJ, 126, 2185

Rupke, D. S., Veilleux, S., & Sanders, D. B. *Keck Absorption-Line Spectroscopy of Galactic Winds in Ultraluminous Infrared Galaxies*. 2002, ApJ, 570, 588

Veilleux, S., & Rupke, D. S. *Identification of Galactic Wind Candidates using Excitation Maps: Tunable-Filter Discovery of a Shock-Excited Wind in the Galaxy NGC 1482*. 2002, ApJ, 565, L63

Lefers, J., Miller, M., Rupke, D., Tong, D., & Walhout, M. *Direct Measurement of the Metastable 3P_2 Decay Rate in Krypton*. 2002, Phys. Rev. A, 66, 012507

See pages 3-4 for other publications.

GRANTS AND AWARDS

2007	Spitzer Cycle 4 Archival Grant, \$100 K, <i>Opening the Window on Warm Dust in Starburst- and AGN-Driven Superwinds</i>
2002 – 2003	U. of Maryland Graduate School Doctoral Dissertation Fellowship
1998 – 2000	U. of Maryland/National Institute of Standards and Technology Graduate Fellowship

SEMINARS AND COLLOQUIA

2007	George Mason U. Space Sciences Seminar NASA/GSFC Stellar and Extragalactic Seminar
2006	Johns Hopkins U. CAS seminar Naval Research Lab lunch seminar
2005	NOAO lunch seminar
2003	NRAO lunch seminar Carnegie Observatories lunch seminar Baltimore-Washington Starburst Series seminar
2002	U. Maryland lunch seminar

OBSERVING EXPERIENCE

<i>Telescope</i>	<i>Instrument</i>	<i>No. Nights</i>
Anglo-Australian Telescope	Taurus Tunable Filter	8
Gemini North Telescope	GMOS Integral Field Unit	1
Keck II	Echelle Spectrograph and Imager	6
Keck I	High-Resolution Spectrograph	1
Kitt Peak 4-meter	R-C Spectrograph	41
	Echelle Spectrograph	2
	NEWFIRM (IR Wide-Field Imager)	4
Kitt Peak Coudé Feed	Long-Slit Spectrograph	7
Las Campanas 2.4-meter	Fabry-Perot	8
Baade (Magellan) Telescope	Maryland-Magellan Tunable Filter	14
Multiple Mirror Telescope	Red Channel Spectrograph	4
<i>Total nights</i>		96

OTHER PROFESSIONAL EXPERIENCE

2007 – 2008	Wrote on-line documentation for Maryland Magellan Tunable Filter (MMTF) [www.astro.umd.edu/~veilleux/mmtf]
2007 – 2008	Co-wrote software for MMTF
2006 – present	Instrument testing of MMTF
2003 – present	Scientific referee for A&A, ApJ, and MNRAS
1999	Instrument and software development for Gamma Ray Large Area Space Telescope (GLAST)
1998 – 1999	Laser development in lab of W. D. Phillips, National Institute of Standards and Technology
1997	Laser development in lab of M. S. Walhout, Calvin College

TEACHING AND OUTREACH

2004, 2005, 2007	Instructor for graduate summer school in optical astronomy
2004, 2006	U. Maryland observatory public talks
2001 – 2002	Elementary math and reading tutor
1996 – 1997	Physics laboratory assistant
1995 – 1997	College physics tutor

REFERENCES

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OTHER ACADEMIC PUBLICATIONS

Conference Proceedings and Abstracts

- Rupke, D. S., Baker, A. J., & Veilleux, S. *Gas-Rich Mergers Do Not Follow the Mass-Metallicity Relation*. 2007, **Gas Accretion and Star Formation** [poster]
- Rupke, D. S., et al. *Uncovering the Active Galactic Nuclei in Low-Ionization Nuclear Emission-Line Regions with Spitzer*. 2006, in ASP Conf. Ser. 373, **The Central Engine Of Active Galactic Nuclei**, ed. L. C. Ho & J.-M. Wang, 525 [oral]

Rupke, D. S., et al. *Mid-Infrared Properties, Excitation Mechanisms, and AGN Content of LINERs—An IRS Survey*. 2005, BAAS, 37, 1249 [poster]

Rupke, D. S. *Large-Scale Winds in Starbursts and AGN*. 2005, in **Galactic Flows: The Galaxy/IGM Ecosystem** (STScI, Baltimore, MD) [oral]

Veilleux, S., & Rupke, D. S. *Galactic Winds in Starburst and Active Galaxies*. 2005, in ASP Conf. Ser. 331, **Extra-Planar Gas**, ed. R. Braun, 313 [oral]

Rupke, D. S., Veilleux, S., & Sanders, D. B. *Superwinds in Luminous Infrared Galaxies at $0 < z < 0.5$* . 2003, BAAS, 35, 1374 [oral]

Rupke, D. S., Veilleux, S., & Sanders, D. B. *Spectroscopy of Galactic Winds in ULIRGs at $0.1 < z < 0.5$* . 2003, in ASP Conf. Ser. 320, **The Neutral ISM in Starburst Galaxies**, ed. S. Aalto, S. Hüttemeister, & A. Pedlar, 307 [oral]

Rupke, D. S., Veilleux, S., & Sanders, D. B. *Keck Absorption-Line Spectroscopy of Galactic Winds in Infrared-Luminous Galaxies*. 2003, in AIP Conf. Proc. 666, **The Emergence of Cosmic Structure**, ed. S. S. Holt & C. S. Reynolds, 195 [poster]

Rupke, D. S., Veilleux, S., & Sanders, D. B. *Keck Optical Spectroscopy of Galactic Winds in Ultraluminous Infrared Galaxies*. 2001, BAAS, 33, 1359 [oral]

Veilleux, S., & Rupke, D. S. *A New Method to Identify Galaxies Hosting Starburst-Driven Winds*. 2001, BAAS, 33, 1358 [oral]

Other Unrefereed Publications

Rupke, D. S., & Veilleux, S. *A Spectroscopic Survey for Superwinds in Massive Starbursts*. 2004, NOAO Newsletter, 78, 4

Rupke, D. S., & Veilleux, S. *TTF Observations of Very Extended Ionized Gas in Nearby Galaxies*. 2003, AAO Newsletter, 104, 3

Veilleux, S., & Rupke, D. S. *Discovery of a Shock-Excited Wind in the Starburst Galaxy NGC 1482*. 2002, AAO Newsletter, 99, 6

Theses

Outflows in Infrared-Luminous Galaxies: Absorption-Line Spectroscopy of Starbursts and AGN. 2004, Ph. D. Thesis, University of Maryland, supervisor S. Veilleux

Detection of Galactic Hydrogen with a Simple Feedhorn. 1998, B. S. Thesis, Calvin College, supervisor D. Van Baak